

Listing of Claims

This listing of claims will replace all prior versions and listings of the claims in the application.

In the Claims:

1. (Previously presented) The heating device of Claim 5 wherein the liner is removable from the susceptor without requiring disassembly of the susceptor.
2. (Currently amended) The heating device of Claim 1 including:
a first susceptor portion and a second susceptor portion disposed on opposed sides of the processing chamber [[:]] , wherein the liner is disposed between the first susceptor portion and the processing chamber; and
~~a first liner disposed between the first susceptor portion and the processing chamber; and~~
a second liner disposed between the second susceptor portion and the processing chamber.
3. (Previously presented) The heating device of Claim 5 wherein the susceptor includes a platter region, the housing assembly further including:
a platter adapted to support the article disposed in the processing chamber and overlying the platter region; and
an opening defined in the liner and overlying the platter region.
4. (Previously presented) The heating device of Claim 5 wherein the liner varies in thickness along at least a portion of its length.
5. (Previously presented) A heating device comprising:
a housing assembly defining a processing chamber and including:
a susceptor surrounding at least a portion of the processing chamber;
and

a thermally conductive liner interposed between the susceptor and the processing chamber, wherein the liner is separately formed from the susceptor;

wherein the susceptor includes a susceptor core of a first material and a susceptor coating of a second material;

wherein the second material is selected from the group consisting of refractory metal carbides; and

wherein the liner is interposed between the susceptor coating and the processing chamber; and

an EMF generator configured to generate an electromagnetic field to induce eddy currents within the susceptor, wherein the susceptor converts the eddy currents to heat.

6. (Previously presented) The heating device of Claim 5 wherein the second material is TaC.

7. (Previously presented) The heating device of Claim 5 wherein the first material is graphite.

8. (Previously presented) The heating device of Claim 3 wherein the platter region is exposed through the opening in the liner.

9. (Previously presented) The heating device of Claim 3 wherein the platter is received in the opening in the liner.

10. (Previously presented) The heating device of Claim 3 wherein the platter is adapted to rotate relative to the susceptor.

11. (Previously presented) The heating device of Claim 4 wherein the liner contacts the susceptor.

12. (Previously presented) The heating device of Claim 5 wherein the liner

includes a portion formed of SiC interfacing with the processing chamber.